

REMARKS

Applicants have cancelled claims 14-27 and have added new claims 28-36. Changes have been also made to the specification. Replacement drawings have been submitted herewith as well.

Applicants have made the necessary correction to the specification in accordance with the Examiner's suggestions. Replacement drawing sheets have also been submitted as required by the Examiner. The various formal objections are believed overcome by the submission of new claims 28-36. If the Examiner has any issues with regard to any remaining formal rejections, he is encouraged to contact applicants' undersigned attorney.

New claims 28-36 comprise the following: a wireless microphone system (claims 28, 29 and 32), a pocket transmitter microphone (claim 30), a hand transmitter microphone (claim 31), a wireless microphone device (claims 33 and 34), and an HF transmitter (claims 35 and 36). These claims generally have similar structure but are set forth in different contexts.

New claim 28 relates to a wireless microphone system with an antenna unit having an antenna and a circulator or an HF isolator connected to the antenna. The antenna and the circulator or the HF isolator are arranged in a common housing of the antenna unit. The antenna unit can be plugged in or screwed on such that the antenna unit is replaceable as a unit.

The prior claims have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Kawasaki in view of Anderson, primarily, and also in view of McCowen and Taniguchi.

Anderson (US 5,721,783) discloses a circulator which can be coupled to an antenna (cf. Fig. 9). However, Anderson does not teach that the antenna together with the circulator forms an antenna unit with a common housing which is replaceable as a unit.

Kawasaki et al (US 2002/0197957 A1) discloses a wireless microphone communication system with a wireless microphone which comprises a transmission antenna. However, Kawasaki et al. does not disclose that the antenna is arranged in a common housing together with a circulator or a HF isolator.

Therefore, even if a person skilled in the art should consider combining the teachings of Anderson and Kawasaki et al, such a combination would not lead to the subject matter of the new independent claims. In particular, none of the prior art documents provides a hint to provide

an antenna unit with a common housing which comprises an antenna and a circulator or an HF isolator, wherein the antenna unit is replaceable as a unit.

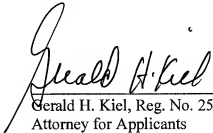
With respect to McCowen et al (US 4,910,795), this reference teaches a wireless handheld microphone. The microphone comprises an antenna 28 which is coiled on an antenna mounting surface 42. A circular flange 44 is located at the rear of a frame 26 and acts to hold the antenna onto the mounting surface 40. The antenna unit is coupled to a battery compartment 38 which in turn is coupled to the internal assembly of the wireless handheld microphone. There is no indication in this document that the antenna unit is replaceable as a unit and that it also comprises a circulator or an HF isolator. From Fig. 2, it is clear that the complete internal assembly 4 together with the battery compartment 38 and the antenna unit is placed inside the housing 20, 22 of the handheld microphone. It should be noted that this document merely describes that the lower part 22 of the housing can be screwed off the other part 20 of the housing. However, this does not teach that an antenna unit is replaceable as a unit.

Taniguchi does not add anything further considering the above discussion with regard to Kawasaki and Anderson and the scope of the newly presented claims.

It is submitted that claims 28-36 have been shown to be allowable over the cited art and allowance of these claims is respectfully requested.

This application should be promptly passed to issue.

Respectfully submitted,



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Enc. Replace drawings of Figs. 1 and 2